



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141429

**Mode:** Highway

**Status:** Submitted

### NC-119

**From/Cross Street:** NC 54

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** Lowes Blvd. (non-system)

**Project Category:** Regional Impact

**Length:** 3.8

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$32,468,000

#### Description:

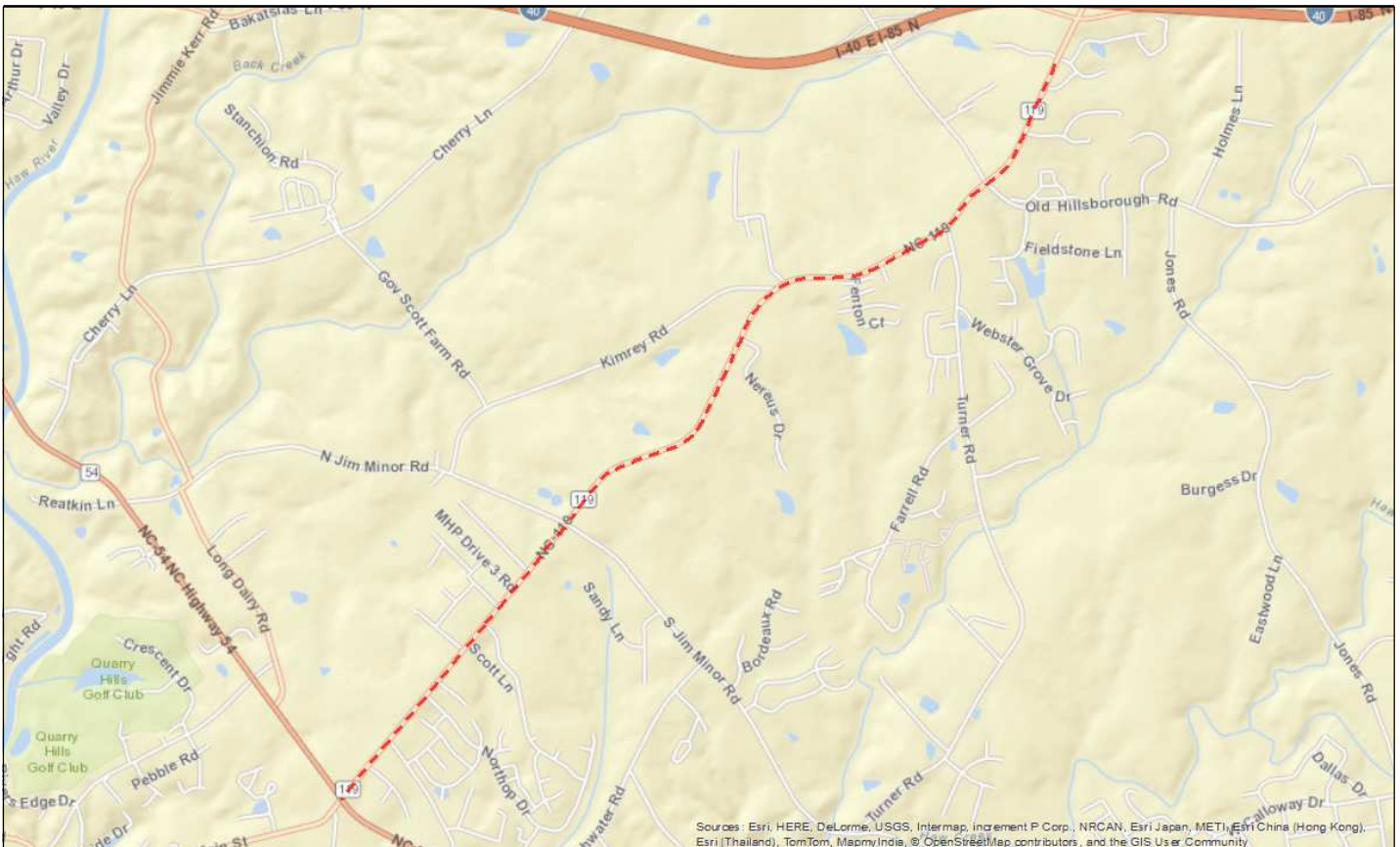
Widen the existing pavement from 2 lanes to 4 lanes divided

**Division(s):** Division 7

**County(s):** ALAMANCE

**MPOS(s)/RPO(s):** Burlington Graham MPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 31.72**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 34.70	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%) 68.92		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 11.51		
<b>Totals: Weight: 70% Weighted Score: 16.72</b>		

**Division Needs Total Score: 13.83**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Congestion (V/C) (20%) 34.70		
Safety (10%) 68.92		
<b>Totals: Weight: 50% Weighted Score: 13.83</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	52
Length (miles):	3.8
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	8267.82
Capacity:	15800
Volume/Capacity Ratio:	0.52
% Autos:	96%
% Trucks:	4%
Truck Volume:	291.59
Crash Density:	73.65
Crash Severity:	75.27
Critical Crash Rate:	57.85
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	88
Actual Congested Speed:	40
Travel Time Index:	1.38

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	3.8
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-854389.39
Travel Time Savings for 30 Years (Autos):	-824256.68
Travel Time Savings for 30 Years (Trucks):	-30132.71
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	Burlington-Graham CTP
CTP/LRTP Completion Year:	2010
Submitted by:	Division 7

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 7	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Burlington Graham MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$27,206,000	Cost Estimation Tool
Right-of-Way Cost:	\$4,698,000	Cost Estimation Tool
Utilities Cost:	\$564,000	Cost Estimation Tool
Total Project Cost:	\$32,468,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$32,468,000</b>	